

GONCHAROV, B.V., inzh.; DEMIN, N.Ye., inzh.; FAYERSHTEYN, V.D., inzh.

S-714 pile driving unit. Stroi. i dor. mash. 8 no.1:15-16
Ja '63.
(MIRA 18:5)

15.8050

27904
S/079/61/031/010/004/010
D227/ D304

AUTHORS: Shostakovskiy, M.F., Skvortsova, G.G., Samoylova,
M. Ya., and Fayershteyn, Yu. M.

TITLE: Synthesis of vinyl ethers of o-, m-, and p-amino-
phenols

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 10, 1961,
3226-3230

TEXT: The authors discuss the preparation of vinyl ethers of aminophenols by direct acetylation, and investigate the dependence of yields of the products on the quantity of alkali and water, and the temperature. It has been found that the para-isomer vinylated at 170-180°C, while the ortho-isomer gave the highest yield of ether at 190°C. m-aminophenol, the most stable isomer, vinylated at 210-220°C. The reactions were carried out in aqueous media and the optimum quantity of water was found to correspond to 15-20%. Larger quantities had no effect on the yield while smaller caused tarring of the reaction mixture. The amount of KOH required

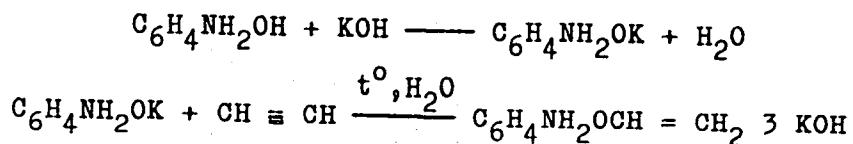
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X

Synthesis of vinyl ethers ...

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D227/ D304

in the reaction was 40% (15-20% for alkylphenols) which corresponds to the molar ratio of catalyst to aminophenol. The reaction can be represented as follows:



The yield of ethers was 30-60%. Their structure was studied by hydrogenation to the corresponding phenetidines. Experimental procedure: The quantities used were 20 g. aminophenol, 1 - 10 g. KOH and 3 - 25 g. water. Vinylation was carried out in a rotating autoclave using 30-35 atm. acetylene pressure at a temperature optimum for the particular aminophenol. After attaining calculated absorption of acetylene the product was treated with benzene and

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Synthesis of vinyl ethers ...

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the solution distilled in vacuum. Vinyl-o-aminophenyl ether separated in the form of yellow oil b.pt. 90°C/_{10 mm}, n_D^{20} 1.5700 which on redistillation yielded 508 g. of colorless liquid b.pt. 66.5 - 68°C/_{1-2 mm} n_D^{20} 1.5715, d_4^{20} 1.0677 MR_D 41.90; $MR_{calc.}$ 42.06. The pure meta isomer boiled at 92.5 - 93°C/_{2mm} n_D^{20} 1.5820, d_4^{20} 1.0759, MR_D 41.90, MR_{calc} 42.06 and the yield corresponded to 63.6 g. of colorless, odorless liquid. The pure para-isomer boiled at 118°C/_{10mm}, n_D^{20} 1.5765, d_4^{20} 1.0759 MR_D 41.54 and its yield was 52.0 g. The ether was in the form of a colorless oil which darkened on exposure to air. Hydrogenation of the ethers on Raney nickel in alcoholic solution yielded corresponding phenetidines. o-aminophenol polymerises in the presence of ethereal boron trifluoride forming a solid mass with shiny black crystals. With the same catalyst, p-aminophenol forms a white, crystalline solid which on standing changes to a solid, dark yellow and opaque resin.

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X

Synthesis of vinyl ethers ...

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D227/D304

There are 4 figures and 7 references: 5 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: Irkutskiy institut organicheskoy khimii Sibirskego otdeleniya Akademii nauk SSSR (Irkutsk Institute of Organic Chemistry, Siberian Division of the Academy of Sciences, USSR)

SUBMITTED: October 4, 1960

x

Card 4/4

OSADCHUK, Grigoriy Ivanovich; FAVERSHEYN, Vuliya Oskarovich;
DEM'YANKOV, N.V., inzh., retsenzent; ANIKIN, S.V., inzh.,
retsenzent; BRAYLOVSKIY, N.G., inzh., red.; BOBROVA, Ye.N.,
tekhn. red.

[Maintenance and repair of trains with refrigeration equip-
ment] Remont poezdov s mashinnym okhlazhdeniem. Moskva,
Transzheldorizdat, 1962. 286 p. (MIRA 15:9)
(Refrigerator cars--Maintenance and repair)

NEKRUTMAN, Semen Veniaminovich; FAYERSHTEYN, Yuliy Oskarovich;
FILIPENOK, Petr Andreyevich; TSYPLAKOV, Nikolay Vasil'yevich;
SHCHEPETOV, Al'bert Viktorovich; BAKRADZE, Yu.M., inzh.,
retsenzent; BRAYLOVSKIY, N.G., inzh., red.; NEDVEDEVAM N.A.,
tekhn. red.

[Multiple-unit train cars with machine refrigeration] Sektsii
vagonov s mashinnym okhlazhdeniem. Moskva, Transzheldorizdat,
1963. 386 p. (MIRA 16.5)

(Refrigerator cars)

KOTLYAREVSKIY, I.L.; VERESHCHAGIN, L.I.; YASHINA, O.G.;
VASIL'YEV, Ye.K.; FAYERSHTEYN, Yu.M.

Pyridylacetylenes. Report No.1: Synthesis of pyridylacetylene
alcohols. Izv. Sib. otd. AN SSSR no.9:80-87 '62.

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR. (MIRA 17:8)

FAEV, P. D.

Tiagovye postantsii elektrifitsirovannogo uchastka Kizel-Chusovskaya Permskoi zheleznoi dorogi. / Traction substations on the electrified strip of Kizel-Chusovskaya of the Perm railway. (Elektrifikatsiya zhel-dor. transporta, 1934, no. 4m p. 4-6, illus.).

DLC: TF701.E27

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

FAYEV, P.D., inzhener.

Repairing contact networks on heavy traffic routes. Elek. i tepl.
tiaga no. 6:28-31 Je '57. (MLRA 10:8)

1. Nachal'nik sluzhby elektrifikatsii i energeticheskogo khozyaystva
Omskoy dorogi.
(Electric railroads--Maintenance and repair)

FAYEV, P.D.

Improved control circuit for load drives. Elek. i tepl.tiaga
no.10:16-17 O '57. (MIRA 10:11)

1. Nachal'nik slushby elektrifikatsii i energeticheskogo khozyaystva
Omskoy dorogi.
(Electric cutouts) (Electric railroads--Substations)

FAYEV, P. D.

FAYEV, P.D., inzh. (Omsk)

Experience using mercury rectifiers. Zhel. dor. transp. 40
no.1:76-77 Ja '58. (MIRA 11:1)

1. Nachal'nik slushby elektrifikatsii i energeticheskogo khozyaystva
Omskoy dorogi.
(Mercury-arc rectifiers)

FAYEV, P.D.

It is necessary to strengthen the insulation on the contact network.
Elek. i tepl. tiaga 5 no.3:33 Mr '61. (MIRA 14:6)

1. Glavnny inzh. sluzhby elektrifikatsii i energeticheskogo
khozyaystva Kuybyshevskoy dorogi.
(Electric railroads—Wires and wiring)

FAYFER, F.I.

USSR /Chemical Technology. Chemical Products
and Their Application

I-14

Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31726

Author : Fayfer F. I.

Inst : Irkutsk State Medical Institute

Title : Effect of Methyl Alcohol on Aquatic Organisms
and Processes of Spontaneous Biochemical Pur-
ification of Water

Orig Pub: Sb. tr. Irkut. gos. med. in-ta. Irkutsk, Knig-
oizdat, 1955, 423-428

Abstract: It was found that under laboratory conditions
 CH_3OH , at a concentration of 10 mg/liter,
arrests proliferation of daphnias, and the

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USSR /Chemical Technology. Chemical Products
and Their Application

I-14

Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31726

processes of ammonification and nitrification;
with increasing concentration of CH₃OH the B.O.D.
increases.

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FAYFER, S. I.

(5)

IVANOV, V. Ye., ZELENSKIY, V. P., FAYFER, S. I., ZHDANOV, S. M.,
PAKSIMENKO V. I., SAVCHENKO V. I.,

"Magnesium Cermets and Magnesium-Beryllium Alloys"

Report submitted for the Conference on New Nuclear Materials Technology
including Non-Metallic Fuel Elements (IAEA), Prague, 1-5 July 1963

L 55146-65 EWG(j)/EWP(e)/EWT(m)/EPF(c)/EPF(n)-2/EWA(d)/EPR/T/EWP(t)/EWP(k)/
EWP(z)/EWP(b)/EWA(h)/EWA(c) Pf-4/Pr-4/Ps-4/Peb/Pu-4 LJP(c) MJW/JD/KW/HN/JG
ACCESSION NR: AP5013251 UR/0226/65/000/005/0046/0053

AUTHOR: Ivanov, V. Ye.; Zelenskiy, V. F.; Fayfer, S. I.; Zhdanov, S. M.;
Maksimenko, V. I.; Savchenko, V. I.

TITLE: Powder magnesium and magnesium-beryllium alloys

SOURCE: Poroshkovaya metallurgiya, no. 5, 1965, 46-53

TOPIC TAGS: powder magnesium alloy, powder magnesium beryllium alloy, powder
magnesium oxide containing alloy, magnesium alloy property

ABSTRACT: Powder magnesium-magnesium oxide alloys containing 0.3 to 10% MgO and
super heat-resistant magnesium-beryllium alloys containing 1 to 10% Be have been
developed. Magnesium powder MPF-1 (-0.500 to +0.160 mm) and MPF-4 (0.200 to
+0.050 mm; GOST 6001-51) produced by the rapid milling method, and magnesium oxide
obtained by surface oxidation of magnesium powder in air at 300-450°C for several
hours were used. Magnesium alloys were prepared by cold compacting the powder mix-
ture into bars, 65 x 150 mm, under a pressure of 25-30 kn/cm² for 0.5-1.5 min.
The compacted bars were then hot extruded at 500-520°C with 98-99% reduction under
a pressure of 20-25 kn/cm². A mixture of oil with laminated graphite was used for
lubrication during hot extrusion. Magnesium oxide, even in small amounts, substan-

Cord 1/2

63
60
B

L 55146-65

ACCESSION NR: AP5013251

tially improved the strength of magnesium alloys, and its effectiveness increased with increasing temperature. However, the addition of 0.3 to 5% magnesium oxide had little effect on the tensile strength at all investigated temperatures. The addition of magnesium oxide also improved the structural stability and mechanical properties of magnesium-beryllium alloys. The addition of beryllium increased resistance to high-temperature oxidation and reduced the sensitivity to overheating. The properties of magnesium-beryllium alloys excelled those of magnesium alloys. Powder magnesium-beryllium alloys have been used for shielding ^{uranium} fuel elements in nuclear reactors and have been tested successfully for 6000 hr at temperatures of 500—520°C and a neutron flux of $2 \cdot 10^{20}$ n/cm². Orig. art. has: 5 figures and 2 tables.

ASSOCIATION: Fiziko-tehnicheskiy institut AN UkrSSR (Physicotechnical Institute, AN UkrSSR)

SUBMITTED: 02Mar64

ENCL: 00

SUB. CODE: MM

NO REF Sov: 004

OTHER: 003

ATD PRESS: 4025

Card 2/2

L 09378-67 EWT(m)/EWP(n)/EWP(t)/ETI IJP(c) JH/JW/JD
ACC NR: AT6026916 (A) SOURCE CODE: UR/0000/66/000/000/0163/0166

AUTHOR: Ivanov, V. Ye.; Zelenskiy, V. F.; Savchenko, V. I.; Fayfer, S. I.; Zhdanov, S. M.

54
51

ORG: None

TITLE: Internal friction in powder metal magnesium

SOURCE: AN SSSR. Institut metallurgii. Vnutrenneye treniye v metallakh i splavakh
(Internal friction in metals and alloys). Moscow, Izd-vo Nauka, 1966, 163-166

TOPIC TAGS: internal friction, powder metal, shear modulus, magnesium, vibration measurement

ABSTRACT: Powdered magnesium was oxidized to obtain samples with differing amounts of MgO (0.3, 2.3 and 5% by weight), annealed at 500°C for one hour, and subjected to measurement of change in vibration amplitude in order to determine internal friction (Q^{-1}), as well as shear modulus with respect to temperature. There are fairly consistent data on the curves for the three alloys with respect to strength (mechanical) properties, increasing or decreasing, as the case may be, with respect to MgO content. The path of curves for the temperature relationship of internal friction and shear modulus can be explained by dispersion hardening effect found in MgO. Grain boundaries, type of impurities and distribution of impurities in the

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L 09378-67

ACC NR: AT6026916

alloy also influences the internal friction. For purposes of comparison the relationship of $Q^{-1}(T)$ is presented for technical magnesium MG-1, which had been hot pressed, where it is evident that the height of the peak for $Q^{-1}(T)$ differs little from the peak for MG-1, increasing but slightly for increased MgO content. This may be caused by a structural refinement in alloys containing a large amount of the finely dispersed oxide phase, plus high degrees of distortions and increased numbers of defects in the polycrystalline structure. Orig. art. has: 6 figures.

SUB CODE: II / SUBM DATE: 02 Apr 66/ ORIG REF: 007/OTH REF: 001

3

Card 2/2 mla

L 09377-67 EWP(k)/EWP(m)/EWP(e)/EWP(t)/ETI IJP(c) AT/WI/JW/JD/JG/GD

ACC NR: AT6026917

(N)

SOURCE CODE: UR/0000/66/000/000/0166/0169

61

60

AUTHOR: Ivanov, V. Ye.; Zelenkiy, V. F.; Fayfer, S. I.; Savchenko, V. I.;
Maksimenko, V. I.

ORG: None

TITLE: Internal friction in powder metal beryllium

SOURCE: AN SSSR. Institut metallurgii. Vnutrennaya treniye v metallakh i splavakh
(Internal friction in metals and alloys). Moscow, Izd-vo Nauka, 1966, 166-169

TOPIC TAGS: internal friction, powder metal, shear modulus, elastic modulus,
beryllium

ABSTRACT: Previous studies of internal friction for such powder metal systems as Cu-Fe-Ni, Cu-Mo, Cu-W, Ni + Al₂O₃, SAP and beryllium have shown that the temperature relationship of internal friction Q-1 (T) affects the nature of the initial components the method of producing a compact material and its structure. This paper discusses the same property, plus shear modulus and modulus of elasticity, for hot-pressed powder metal alloys of Be-BeO containing 0.3, 1.5 and 7% by weight BeO. Testing was conducted in a vacuum relaxation tester at forced torsion oscillations in resonance. Internal friction was determined according to change of oscillation amplitude along with measurement of frequency for constructing the temperature relationship of shear modulus and modulus of elasticity. Samples were vacuum annealed one.

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ACC NR: AT6026917

hour at 1,000°C prior to testing to remove stresses and adsorbed gases and to put the alloy in a more equilibrium state. Test results show maximums for all curves, and according to the authors, the behavior of these maximums depends on solubility of the components, their concentration, distribution and other factors. From a comparison of the high-temperature "background" of $Q^{-1}(T)$ it is clear that temperature of abrupt growth of the curve increases with oxide content while slope of curve becomes less. This "background" can serve as a criterion of increasing heat resistance with increased oxide content. Orig. art. has: 3 figures.

SUB CODE: // / SUBM DATE: Q2 Apr 66/ORIG REF: 008

Card 2/2 m/s

STEERLEV, N.M.; TAYFISHEVICH, M.V.; KHAL'FAN, Yu.A., redaktor; GRIGOR'YEVA,
A.I., redaktor; MURTYAB, T.P., tekhnicheskiy redaktor

[The Moskvich automobile] Avtomobil' Moskvich. [Moskva, Izd-vo
DOSAAF, 1955.] 27 p.
(Automobiles)

FAYG, N.G.

Preliminary steps for improving methods of screening and
cleaning of grain in sieve separators. Izv.vys.ucheb.zav.;
pishch.tekh. no.2:128-133 '59. (MIRA 12:8)

1. Odesskiy tekhnologicheskiy institut im. I.V.Stalina.
(Grain)

FAYG, N. G.

Cand Tec Sci, Diss -- "Sorting and cleaning grain on a screen with circular forward movement in a vertical plane (at hulling and grinding mills)". Odessa, 1961. 15 pp, 22 cm (Min of Higher and Inter Spec Educ UkrSSR. Odessa Technol Inst of the Food and Refrigeration Ind), 260 copies, Not for sale (KL, № 9, 1961, p 185, No 24375). [61-51094]

Paygel'son, A. Kh.

AUTHOR: Paygel'son, A. Kh.

32-11-54/60

TITLE: Short Reports (5) (Korotkiye soobshcheniya)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1394-1394 (USSR)

ABSTRACT: The author suggested a new additional device to be used with the Willfly table, which is characterized by the fact that 100 little bottles containing test solutions prepared for spectral analysis can be shaken at the same time for the purpose of accelerating the process of dissolution. The device can be adjusted to the desired velocity (of shaking). The author says that, by using this device, it was possible to save much working time, in that work took only 3 hours instead of the former 12.

ASSOCIATION: Dal'stroy Upper Kalymsk Region Geological Prospecting Administration
(Verkhne-Kolymskoye rayonnoye geologorazvedochnoye
upravleniye Dal'stroya)

AVAILABLE: Library of Congress

Card 1/1

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4

VASIL'YEV, F.I., inzh.; LIMONOV, S.M., inzh.; PAYGEL'SON, S.Kh., inzh.

Scaffolding for masonry work. Suggested by V.I. Vasil'iev, S.M.
Limonov, S.Kh. Paygel'son. Rats.i izobr.predl.v stroi. no.16:
93-95 '60. (MIRA 13:9)

1. Trest No.94 Vladimirsogo sovnarkhoza.
(Scaffolding)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4"

FRYGENBAUM, D.

PA 195T80

USSR/Radio - Receivers
"Metalloizdeliy" Plant

Jul 51

"The Neva Receiver," I. Korolevtsev, D. Faygenbaum

"Radio" No 7, pp 53-55

Since Dec 49, the Leningrad "Metalloizdeliy" Plant has been producing Neva radio receivers. Previously, these receivers were produced by a plant of the Min of Communications Equipment Ind. Describes changes made in the receiver by the "Metalloizdeliy" Plant.

195T80

FAYGENBAUM, D.

USER/Electronics - Receivers
Neva-52

Jul 52

"The Neva-52," I. Korolevtsay, D. Faygenbaum

"Radio" No 7, pp 32-35

The Neva has been produced practically unchanged since 1947. Since mid-1952, a modernized Neva-52 receiver has been produced by the Metal Parts Plant of the Leningrad Div of Local Ind. The receiver has long- and medium-wave bands and the following short-wave bands: 11.4-12 Mc, 9.1-10 Mc, and 3.95-7.5 Mc.

22676

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4

VERSHEVSKIY, V.; GRYUNTAL', R.; KOCHETOV, V.; FEYGENBAUM, D.

Radio receiver "Oktiabr' ". Radio no.8:23-26 Ag '54. (MIRA 7:8)
(Radio--Receivers and reception)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4"

MIRKIN, A.M.; FAYGENBAUM, D.S.

The MShRG-75 contact seam-welding machine for welding stainless steel sleeves. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekhn.inform. 16 no.5:14-16'63. (MIRA 16:7)
(Electric welding— Equipment and supplies)

AUTHORS: Faygenbaum, D.S., and Shternin, L.A., Engineers 135-9-19/24

TITLE: Condenser Contact Welding Machine "MTK-0,1" (Kondensatornaya
machina dlya kontaktnoy svarki "MTK-0,1")

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 9, p 36-37 (USSR)

ABSTRACT: The condenser contact welding machine "MTK-0,1" was designed for welding ferrous and non-ferrous metals of 0.02 to 0.15mm thickness. It is a table model and can work with a stationary welding head as well as with changeable welding tools and is suited for welding in assembling instruments and radio equipment. The design of the machine is described in detail and illustrated by a photograph and an electric diagram. The advantages of electrolytic condensers are discussed. Condensers "K3 -2H" were found to be the most advantageous. These latter are extensively employed in mass-produced radio sets (in feeding filters of broadcasting receivers and television sets).

The article contains 1 photograph and 2 diagrams.

ASSOCIATION: VNIIESO

AVAILABLE: Library of Congress
Card 1/1

AUTHORS: Kovrov, B.V. and Faygenbaum, D.S. (Engineers) 110-7-15/30

TITLE: A capacitor machine for contact spot welding, type MTK-2.
(Kondensatornaya mashina dlya kontaktnoy tochechnoy svarki tipa MTK-2).

PERIODICAL: "Vestnik Elektropromyshlennosti" (Journal of the Electrical Industry), Vol.28, No.7, 1957, pp.55-57 (USSR).

ABSTRACT: Contact welding of thin parts is becoming ever more widely used in instrument manufacture. In some industries, for instance, the manufacture of radio valves, it is the only acceptable way of making connections. Its use could also extend to other industries. In order to satisfy the requirements of industry for capacitor spot welding machines of low output the VNIIESO developed automatic capacitor spot welding machine type MTK-2. A.M. Mirkin took a large part in the work. The machine is intended for spot welding of parts of non-ferrous and ferrous metals and alloys of thickness $0.1 + 0.1$ mm to $0.3 + 0.3$ mm. The machine can also weld cross-wise joints on wires from $0.6 + 0.6$ mm diameter to $1 + 1$ mm diameter or of wires of these diameters to sheet metal. Welding is effected by energy storing capacitors. The capacitors discharge into the primary winding of a step-down transformer to the

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A capacitor machine for contact spot welding, type MTK-2.
(Cont.) 110-7-15/30

secondary of which the welding circuit is connected. Technical data of the machine are tabulated. It is designed for 220-volt supply with a maximum charging current of 4 amps and a capacitor voltage of 400 V. The minimum and maximum capacitances are respectively 25 and 500 microfarads. The general arrangement of the machine is described and illustrated. The upper electrode can be controlled either electro-magnetically or by a foot-pedal. Electro-magnetic operation is used for automatic working. The control circuit of the machine carries out the following working cycle: the condensers are charged, the electrodes are moved together, the condensers are discharged through the primary winding of the transformer, pressure is removed and the electrodes are lifted. The rate of automatic operation may be from 20 to 90 cycles per minute. The cycle duration is determined by the electronic time relay. The rate of discharge can be controlled by altering the transformer ratio or the capacitance of the capacitor. Tests on the equipment show that it produces satisfactory welded joints between sheets of brass, bronze, nickel, constantan, nichrome, low-carbon steel and also wires of

Card
2/3

Faygenbaum, D.S.

AUTHOR: Faygenbaum, D.S., Engineer. 110-4-19/25

TITLE: The Circuit of a Three-phase Current Converter for Contact-welding Machines (Skhema trekhfaznogo preobrazovatelya toka dlya kontaktnykh svarochnykh mashin)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, No. 4,
pp. 63 - 66 (USSR)

ABSTRACT: Heavy welding currents are required for non-ferrous and light metals; the parts are usually large, so that the return circuit is long and the impedance is high. Therefore, the power demand of welding machines is great and the power-factor is low. The apparent power can be much reduced by using current of reduced frequency in the welding circuit. By converting power-frequency three-phase current into single-phase low-frequency current, the power consumed can be reduced by a factor of two or three; also, the power-factor may be raised from 0.3 to 0.8 and the load uniformly distributed over the phases. This article describes the circuit of an ionic frequency-converter for supplying contact-welding machines; the control circuit was developed in the All-Union Scientific Research Institute for Electric Welding Equipment. It was proposed by the author working together with M.P. Zaytsev, laboratory head

Card 1/2 of the Institute.

110-4-19/25

The Circuit of a Three-phase Current Converter for Contact-welding Machines

The full circuit diagram is given and described at length. The power side consists of a welding transformer with three primary windings and one secondary, and six ignitrons. The ignitrons are cross-parallel connected in each of the three supply phases and form two groups. The time-sequence of operation of the two groups of ignitrons produces a succession of impulses of welding current and the welding transformer operates without d.c. magnetisation occurring. The impulse control system of the thyratrons is explained and the method of impulse formation is described. The circuit uses a trigger device which is also described and consists of thyratrons. The duration of welding current impulses and of the pauses between them can be controlled separately by adjusting the trigger. The circuit has been tested experimentally and has been applied both in experimental seam welding machines for contact welding of light alloys and in a machine for welding low-carbon steel. It can also be used for butt-welding machines.

There is 1 figure.

ASSOCIATION: VNIIESO

AVAILABLE: Library of Congress
Card 2/2

BARANOVA, S.A.; KORKIN, Yu.G.; TERENT'YEV, Yu.Ya.; FAYGENBAUM, D.S.;
ALEKSEYEVSKAYA, Ye.A., red.; KOVAL'SKAYA, I.F., tekhn. red.

[New types of general purpose resistance welding machines in the
United States; a review] Novye konstruktsii kontaktnykh svarochnykh
mashin obshchego naznacheniia v SShA; obzor. Moskva, Tsentral'nyi in-t
nauchno-tekhnicheskoi informatsii mashinostroeniia, 1961. 52 p.
(MIRA 14:11)

(United States—Electric welding—Equipment and supplies)

NEKRASOV, B.M.; MIRKIN, A.M.; FAYGENBAUM, D.S.; SHCHETANOV, D.T.

Automatic line for the assembly and welding of standard troughs
for the SKR-11 scraper-conveyors. Avtom.svar. 14 no.7:71-78 Jl '61.
(MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo
oborudovaniya.
(Conveying machinery—Welding) (Welding—Equipment and supplies)

L 12997-63

EWP(q)/EWT(m)/BDS AFFTC/ASD JJ/HM

ACCESSION NR: AP3002494

S/0193/63/000/005/0014/0016

AUTHOR: Mirkin, A. M.; Faygenbaum, D. S.

57

TITLE: Resistance seam welding machine MShRG-75 for welding stainless steel sleeves

14

16

14

SOURCE: 'Byulleten' tekhniko-ekonomicheskoy informatsii, no. 5, 1963, 14-16

TOPIC TAGS: welding, resistance seam welding, machine, stainless steel, sleeve

ABSTRACT: In 1962 Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya VNIESO (All-Union Scientific-Research Institute of Electric Welding Equipment VNIESO) introduced the MShRG-75 first for welding stainless steel sleeves and then for welding them to the rotors and stators of special electric motors. Prior to this machine, remodeled lathes were used to weld sleeves and a high quality welded seam depended largely on the skill of the welder. The overall size of this machine is 3530 x 1550 x 1910 mm and it weighs 1500 kg. The automatic circuit breaker (PISh-50-5 type) is 450 x 588 x 1605 mm. The welding rate is 0.3 to 1.2 m/mm. Maximum length of sleeves to be welded cannot exceed 900 mm. Thickness of stainless steel sleeves can range from 0.1 + 0.1 to 0.5 + 0.5 mm and the diameter can range from 90 to 500 mm. The electrical circuit

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L 12997-63

ACCESSION NR: AP3002494.

provides for three types of performance: crosswise welding, lengthwise welding, and reeling. Controls are located in the main body of the machine and the current is switched on and off automatically by a synchronous ignition circuit breaker (PISh-50-5). Automatic stabilization of welding current and automatic switching off after the seam is covered simplifies and improves seam welding, increases productivity, and reduces the cost of labor. Orig. art. has: 1 table and 1 figure.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 12Jul63 ENCL: 00

SUB CODE: ML NO REF Sov: 000 OTHER: 000

Card 2/2

KNIGEL', V.A., inzh.; FAYGENBAUM, D.S., inzh.; PETUKHOV, V.I., inzh.

The ADA-300 automatic machine for argon-arc welding of a current-collecting unit of the TZhN-type battery. Svar. protiv. no.9:42-43 S '65.
(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

SHALOBANOV, V.P., FAYGENBLYUM, G.A., LAZYK, N.F., inzh.

Train dispatcher communications by high-frequency channels.
Avtom., telem. i sviaz' 2 no. 8:24-25 Ag '58. (MIRA 11;8)

1. Nachal'nik laboratorii signalizatsii i svyazi Dal'nevostochnoy dorogi (for Shalobanov). 2. Starshiy inzheiner laboratorii signalizatsii i svyazi Dal'nevostochnoy dorogi (for Faygenbluym).
3. Laboratoriya signalizatsii i svyazi Dal'nevostochnoy dorogi (for Lazyk).

(Railroads--Communication systems)

FAYGIN, L.M., inzh.

Investigating the antifriction properties of certain composition
materials and pseudoalloys. Trudy LMZ no.9:107-113 '62.
(MIRA 16:6)

(Plastic bearings) (Hydraulic turbines)

FAYININ, A.I., inzhener.

Small-capacity plant for production of reinforced concrete elements.
Avt.dor.no.1:13-14 Ja '57. (MLRA 10:3)
(Concrete plants)

FAYKIN, I.A., inzh.

Bitumen trailer on a caterpiller crawler chassis. Stroi.truboprov.
5 no.6:25-26 Je '60. (MIRA 13:7)

(Bitumen--Transportation)
(Caterpiller tractors)

FAYKIN, I.A., inzh.

Modernization of the bitumen conveyor. Stroi. truboprov. 6
no. 2:19 F '61. (MIRA 14:5)
(Bituminous materials--Transportation)

RAYKIN, I.A., inzh.

TV5 pipe conveyor for the chassis of the ZIL-157 truck. Stroi.
truboprov. 6 no.3:31 Mr '61. (MIRA 14:3)
(Pipe—Transportation)

FAYKIN, I.A.

The BKZ movable bitumen melting boiler. Biul.tekh.-ekon.inform.-
Gos.nauch.-issl.inst.nauch.i tekhn.inform. 16 no.7:26-27 '63.
(MIRA 16:8)
(Bitumen) (Melting--Equipment and supplies)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4

FAYKIN, I.A., inzh.

String pipe motortrucks. Stroi. i dor. mash. 9 no.4:12-14 Ap '64.
(MIRA 18:1)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4"

EL'PINER, I.Ye.; DRIZE, I.M.; FAYKIN, I.M.

Ultrasonic images of organs and tissues of the animal organism.
Biofizika 5 no. 2:242-243 '60. (MIRA 14:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ULTRASONIC WAVES) (PHYSIOLOGICAL APPARATUS)

EL'PINER, I.Ye.; FAYKIN, I.M.; BASURMANOVA, O.K.

Intracellular microcurrents caused by ultrasonic waves. Biofizika
10 no.5:805-812 '65. (MIRA 18:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

FAZIKS, I. M.; ELLINGER, I. Ye.

Emulsification processes caused by microstreaming induced in an
ultrasonic field. Akust. zhur. 11 no.11126-127 1965.

(MIRA 184)

1. Institut biofiziki AM SSSR, Moscow.

L 38249-66 EWT(1)/T JK
ACC NR: AP6028673

SOURCE CODE: UR/0020/66/166/005/1221/1222

32
33

AUTHOR: Gol'din, M. I.; Faykin, I. M.; El'piner, I. Ye.

ORG: Institute of Biological Physics, AN SSSR (Institut biologicheskoy fiziki AN SSSR)

TITLE: Microflow induced by ultrasound waves in plant cells containing occlusions of tobacco mosaic virus

SOURCE: AN SSSR. Doklady, v. 166, no. 5, 1966, 1221-1222

TOPIC TAGS: biologic vibration effect, virus, ultrasound, cytology

ABSTRACT: Cells of the hair-like fibers of tobacco plants that contained occlusions of the tobacco mosaic virus were subjected to the action of ultrasonic vibrations by bringing within microscopic distance of single cells a point source of ultrasound waves (a needle with a point having a diameter of 0.1 mm). The amplitude of vibrations of the needle point was 1.0-2.0 microns. Microscopic observation of cells containing crystalline plates of the common tobacco mosaic virus showed that the virus crystal in the cell rotated and moved from one end of the cell to the other under the action of microflow currents induced in the cytoplasm by ultrasound. The crystal did not disintegrate, as it does when the cell wall is injured. Occluded crystal aggregates of the

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ACC NR: AP6028673

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cyphomander strain of tobacco mosaic virus moved as a whole under the effect of ultrasound and did not disintegrate into component crystals. The long thread-like occlusions of the Kazakh strain of the virus were subjected to gyrations and winding motions, but also remained unaltered. Virus particles dissolve rapidly in cell juice: apparently they remained in the cytoplasm. One may assume that the crystal virus aggregates were organically bound to microscopic and submicroscopic cell structures and rotated together with them under the action of the flow induced by ultrasound. The vacuoles in the cytoplasm that were filled with cell juice also remained intact. This article was presented by Academician A. A. Imshenetskiy on 6 April 1965. Orig. art. has: 1 figure. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 02Apr65 / ORIG REF: 002 / OTH REF: 002

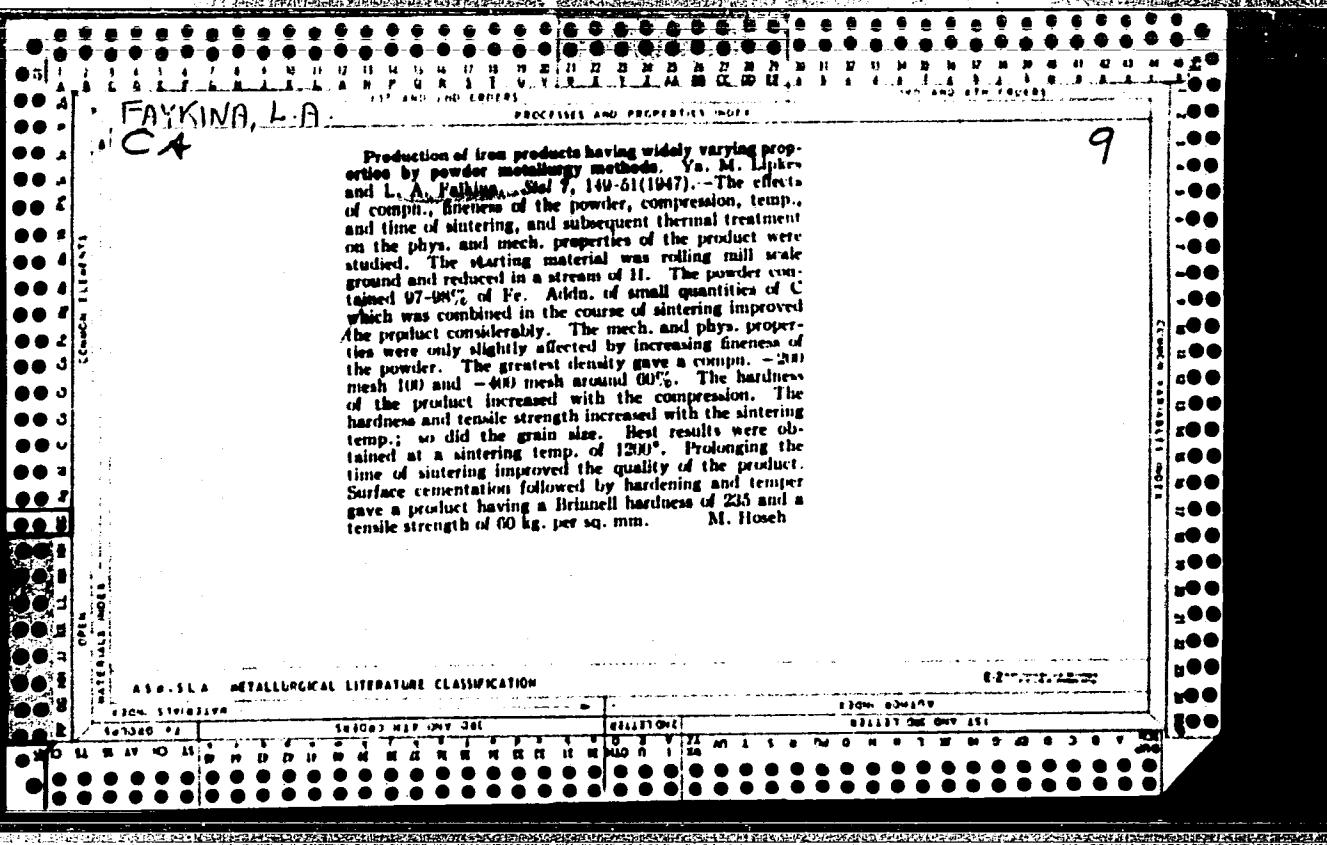
Card 2/2

LIBERMAN, B.S., prepodavatel'; FAYKIN, I.O., red.

[Program of mechanical training for technical schools of electro-mechanics] Programma po uchebnoi mekhanicheskoi praktike dlia elektromekhanicheskikh tekhnikumov. Moskva, 1957. 14 p.

(MIRA 11:8)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrotekhnicheskoy promyshlennosti. Upravleniye uchebnymi svedeniyami. Metodicheskoye byuro. 2. Stanko-instrumental'nyy tekhnikum (for Liberman).
(Metal cutting)



S/129/62/000/012/007/013
E193/E383

AUTHORS: Vishenkov, S.A., Candidate of Technical Sciences,
Gostenina, V.M., Yekatova, V.S., Faykina, L.A. and
Filimonova, L.V., Engineers

TITLE: Electro-less nickel-plating of soldered aluminium parts

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
no. 12, 1962, 33 - 36

TEXT: The object of the present investigation was to explore the possibility of improving the corrosion-resistance of soft-soldered joints in aluminium and aluminium alloys by means of electro-less nickel-plating of the aluminium parts before soldering. The optimum thickness of the nickel deposit was determined in the first stage of the investigation. The experiments were carried out on AMg (AMg), AMu (AMts), D1 (D1) and D16 (D16) alloys. Flat test pieces were cleaned with emery paper, washed in kerosene at 40 - 50 °C, dried, degreased with French chalk, rinsed in cold water, pickled for 1 min in a 25% solution of sulphuric acid at 70-75 °C, rinsed in cold water, given a bright dip (12-15 sec) in a 1:1 solution of nitric acid and rinsed again in cold water.

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Electro-less nickel-plating

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After depositing a coating of Zn by a 15-sec dip in a solution containing 500g/l. sodium hydroxide and 100 g/l. zinc sulphate (at 20-25 °C), followed by a thorough wash in running water, nickel-plating was carried out in a bath of the following composition: nickel chloride 21 g/l.; sodium hypophosphite 24 g/l.; ammonium chloride 35 g/l.; citric acid 25 g/l.; 25% NH₄OH solution 30-70 ml./l.; pH of the bath was 8.3 - 8.5 and its temperature 80-85 °C. The rate of nickel deposition was 12 - 15 µ/h at a charging density of 2 dm²/l. The specimens were held, after washing and drying, at 200 °C for 2 hours to improve the strength of the bond between the aluminium alloy and the nickel deposit. The corrosion-resistance of various test pieces was determined by measuring the loss in weight after a 160-hour test in a 3% solution of sodium chloride at room temperature. The minimum weight loss (0.002 - 0.003 g) corresponded to the following thickness of the Ni deposits: 15 - 16 µ on alloy AMg; 22-23 µ for alloy AMts; 24-25 µ for alloy D1; 28-30 µ for alloy D16. In the second stage of the investigation the corrosion-resistance of the soldered joints was determined. Strips of the alloy D1, nickel-plated to a depth of 1-3, 5-10 and 19-25 µ, were joined with NOC-61 (POS-61)

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Electro-less nickel-plating E193/E383

solder under a zinc chloride/ammonium chloride flux. Similar test pieces were prepared using unplated D1 strips soldered by the abrasive technique with the tin-zinc eutectic. The corrosion tests (of 30 days duration) were carried out in a 3% sodium-chloride solution whose temperature was raised each day to boiling point and kept there for one hour. The extent of corrosion was determined determined by measuring the strength of the soldered joints before and after the tests. Joints made in unplated specimens started to lose their strength after immersion for one day and had no load-carrying capacity after 7 days. Joints made on specimens nickel-plated to a depth of 18 - 25 μ were the most resistant to corrosion; their strength before and after corrosion tests was 4.8 and 4.7 kg/mm², respectively. Comparative tests of one-year duration, conducted in a 3% sodium-chloride solution, in a humidity chamber and in outdoor and indoor atmospheres yielded similar results. Complex components of various wireless equipment made by soft-soldering nickel-plated AD1 (AD1), D1 and D16 alloys passed the following tests satisfactorily: 4-hour test at -50 °C; testing for resistance to frost and condensation (2 hours at -20 °C); stability at elevated temperatures (10 hours at 50 °C,

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Electro-less nickel-plating

S/129/62/000/012/007/013
E193/E383

4 hours at 65 °C); resistance to humidity (30 days at 30 °C with humidity of 95-98%). It was concluded that preliminary electro-less nickel-plating was the most promising method of ensuring good corrosion-resistance of soft-soldered joints in aluminium alloys.

Card 4/4

FAYKO, L., nauchnyy sotrudnik

New portable abode. Sbor. nauch. soob. NII sel'stroia no.3;3-6
'60. (MIRA 15:6)

1. Yakutskiy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

(Russia, Northern--Tents)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4

~~PAYKO, L.I.~~

Simplest free-flow water-pumping installation. Politekh. obuch.
no. 8:68-74 Ag '58. (MIRA 11:9)
(Pumping machinery)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4"

FAYKOSY, A., inzh. (Chekhoslovatskaya Sotsialisticheskaya Respublika)

Interdependence between the required labor input for underground
transportation, the auxiliary processes and load on the longwall.
Ugol' 37 no.2:51-52 F '62. (MIRA 15:2)
(Mining engineering)

PAYLENBOGEN, V.I.L.

Effect of reserpine on increased arterial pressure caused by
the use of cortisone. Vrach. delo no.7:132 Jl'63.

(MIRA 16:10)

1. Zaveduyushchiy terapeuticheskim otdeleniyem bol'nitsy
moryakov porta Reni.
(RESERPINE)

~~AYLER. 4.0., inzhener; GORCHAKOV, I.S., inzhener.~~

~~Combined arc extinguishing chambers for contactors. Vest. elektreprem.
28 no.3:8-10 Mr '57. (MLRA 10:4)~~

1. Zaved "Dinamo".
(Electric contactors)

FAYMAN, A.G.

[Machinery and mechanisms used in the construction of pipelines for petroleum, gas, and their products; bibliography of the Russian periodical literature for 1958-1960] Mashiny i mekhanizmy, primenyaemye dlja stroitel'stva nefte-, gazo- i produktprovodov; bibliograficheskii ukazatel' otechestvennoi i i inostrannoi knizhnoi i zhurnal'noi literatury za 1958-1960 gg. Kolich. nazv.; 519. Sost. A.G.Faiman. Moskva, 1961. 111 p. (MIRA 15:7)

1. Moscow. TSentral'naya nauchno-tehnicheskaya biblioteka neftyanoy promyshlennosti.

(Bibliography--Pipelines)

ZAYMAN, D.A.

Substitution of the cornea with young skin in fish. Doklady Akad.
nauk SSSR 83 no.1:165-167 1 Mar 1952. (CLML 22:1)

1. Presented by Academician A. I. Abrikosov 9 January 1952.

Moscow State U. im. Lomonosov.

SOV/132-58-5-9/9

AUTHOR: Faynan, L.S.

TITLE: Technological Equipment of the Tire Industry Abroad
(Tekhnologicheskoye oborudovaniye shinoogo proizvodstva
za rubezhom)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 5, pp 37-40 (USSR)

ABSTRACT: In this review article the author describes contemporary equipment used in the tyre industry in the West. Amongst equipment mentioned are rubber mixers, extrusion machines, calenders, tyre cord impregnation machines, assembly machines, diagonal-cutting machines and special vulcanisation presses. There are 5 figures and 26 references of which 25 are English and 1 German.

Card 1/1

MAKOLKIN, I.A.; PETROV, N.P.; FAYMAN, V.G.

Kinetics of the gaseous corrosion of the EI-473B alloy in air and
in a nitrogen-hydrogen atmosphere. Zhur.prikl.khim. 31 no.11:
1678-1686 N '58.

(MIRA 12:2)

(Corrosion and anticorrosives)
(Oxidation)
(Protective atmospheres)

GUSEV, N.I.; SHMELEV, F.N.; FAYMAN, V.G.

Effect of first and second group cations on the kinetics of
anode dissolving of copper in an acid electrolyte. Izv.vye.
ucheb.zav.; khim.i khim.tekh. 8 no.4:587-591 '65.
(MIRA 18:11)
1. Moskovskiy institut narodnogo khozyaystva imeni Plekhanova,
kafedra fizicheskoy i kolloidnoy khimii.

FAYMAN, Ye.A.

At the academic session of the Academy of Pedagogical Sciences of
the R.S.F.S.R. Mat.v shkole no.2:87-89 Mr-Ap '56. (MLRA 9:?)
(Science--Study and teaching)

FAYN, A., inzh.

New methods for inspecting pipelines and sewers. Zhil-kom. khos.
10 no.11:32 '60. (MIRA 13:11)
(Sewers, Concrete--Maintenance and repair)
(Pipelines--Maintenance and repair)
(Industrial television)

PAYN, A. inzh.

New suspended monorail line in France. Zhil.-kom. khoz. ll no.2:
34 F '61. (MIRA 14:5)

(France--Railroads, Suspended)

FAYN, A.

New 30 km. water pipe in London. Zhil.-kom.khoz. ll no.6:34-35
Je '61. (MIRA 14:7)
(London—Water pipes)

FAYN, A. *V.*

30557

Komboinirovanny uryetroskop. Vyestnik vyenyercloeili dyermatologii, No. 4,
1949, s. 45.

SO: LETOPIS' NO. 34

FAYN, A.Ye.

Use of penicillin autotransfusion in acute male gonorrhea. Vest.
vener. no.2:52-53 Mr-Apr '50. (CLML 19:3)

1. Of Odessa Oblast Skin-Venereological Dispensary (Director --
N.I.Okun').

FAIN, A. E.

Treatment of sulforesistant gonorrhea in man. Soviet med. No.11,
Nov. 50. p. 26-7

1. Of Saratov Oblast Skin-Venerological Dispensary (Director ---
N. I. Okun').

CLML 20, 3, March 1951

UKHIN, A.F., prof.; FAYN, A.E., kand.med.nauk

Lesions of the mucous membranes of the urethra and urinary bladder
in psoriasis [with summary in English]. Vest.derm. i ven. 32 no.
1:32-34 Ja-F '58. (MIRA 11:4)

1. Iz Saratovskogo oblastnogo kozhno-venerologicheskogo dispensera
(glavnnyy vrach Ye.A.Kalyagin) i kliniki kozhnykh venericheskikh
bolezney Saratovskogo meditsinskogo instituta (dir.-prof. A.F.Ukhin)
(PSORIASIS, pathol.

mucous membrane of bladder & urethra (Rus)

(BLADDER, pathol.

lesions of mucous membrane in psoriasis (Rus)

(URETHRA, pathol.

same)

ABDUSAMETOV, R.Kh. (Semipalatinsk), ANTON'YEV, A.A., kand.med.nauk. (Rostov-na-Donu), BRZHEZSKIY, V.Ch. (Tikhvin, Leningradskaya oblast')
GRZHEDIN, Z.N., prof. (Chernovitsy), IVANOV, N.A., prof. (Leningrad)
KAZAKOV, V.I., dots. (Stavropol' na Kavkaze), SLADKOVICH, S.Ye.
(Moskva), TOSUYEV, N.A., prof. (Rostov-na-Donu), MAKSYMEN, A.A.
dots. (Rostov-na-Donu), PAYN, A.E., kand.med.nauk (Saratov) KHISTIN, L.I.
prof. (Stanislav), YAKUBOV, A.K., prof. (Novosibirsk), LESNIKOV, Ye.P.,
assistant (Novosibirsk)

Problems of teaching dermatovenerology in medical institutes, Vest.
derm. i ver. 32 no.3:60-69 '58 (MIRA 11:7)

(DERMATOLOGY, educ.
in Russia (Rus))
(SYPHILOLOGY, educ.
in Russia (Rus))

FAYN, A.E., kand.med.nauk

Results of treating acute gonorrhea in accordance with existing
instructions and schemes [with summary in English]. Vest.derm.
i ven. 32 no.4:50-53 Jl-Ag '58 (MIRA 11:10)

1. Iz Saratovskogo oblastnogo kozhno-venerologicheskogo dispansera
(glavnnyy vrach Ye.A. Kalyagin).

(GONORRHEA, ther

penicillin, streptomycin & sulfathiazole (Rus))

(PENICILLIN, ther. use

gonorrhea, with streptomycin & sulfathiazole (Rus))

(STREPTOMYCIN, ther. use

gonorrhea, with penicillin & sulfathiazole (Rus))

(SULFATRIAZOLE, ther. use

gonorrhea; with penicillin & streptomycin (Rus))

BYREYEV, P.A., prof.; VAESHAMOV, L.A., prof.; VOLYNSKIY, B.G., dotsent; CHASIMOV, N.V., dotsent; GUREVICH, L.I., dotsent; ZHELYABOVSKIY, G.M., prof.; KARTASHOV, P.P., prof.; KOCHETOV, K.P., dotsent; KRUGLOV, A.N., prof.; KUTANIN, M.P., prof.; LARINA, V.S., dotsent; LOBKOV, I.S., doktor [deceased]; LUKOVA, A.I., prof.; MAKHLIN, Ye.Yu., prof.; MAUMOV, A.I., kand.med.nauk; POPOV'YAN, I.M., prof.; SOLUN, N.S., kand.med.nauk; TARABUKHIN, M.M., dotsent; TRET'YAKOV, K.N., prof.; TRISHIMA, A.A., kand.med.nauk; UL'YANOVA, A.V., dotsent; FAYN, A.I., kand.med.nauk; PAKTOROVICH, A.M., dotsent; FRANKFURT, A.I., prof.; FISHER, L.I., dotsent; CHASOVNIKOVA, Ye.P., kand.med. nauk; SHAMARIN, P.I., prof.; SHAPIRO, M.Ya., dotsent; SHVARTS, L.S., prof.; SHUSTERMAN, I.B., dotsent; FOY, A.M., prof.; FREYDMAN, S.L., kand.med.nauk; NIKITIN, B.A., dotsent, red.; AFANAS'YEV, I.A., red.; LUKASHEVICH, V., tekhn.red.

[Concise medical reference book] Kratkiy terapevticheskii spravochnik. Izd.3.. ispr. i dop. Saratov, Saratovskoe knizhnoe izd-vo, 1959. 919 p. (MIRA 13:7)

1. Chlen-korrespondent AMN SSSR (for Tret'yakov).
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

PAIN, A.E.

Phenoxymethyl penicillin and bicillin in the treatment of
patients with acute gonorrhea. Vest.derm.i ven. 34 no.6:
44-45 '60. (MIRA 13:12)

1. Is Saratovskogo oblastnogo kozhno-venerologicheskogo dis-
pansera (glavnnyy vrach N.N. Ardentov).
(GONORRHEA) (PENICILLIN)

FAYN, A.E.

Calculus in the prostate gland. Vest.derm.i ven. 34 no.12:69-
70 '60. (MIRA 14:1)

1. Iz Saratovskogo oblastnogo kozhno-venerologicheskogo dispensera.
(PROSTATE GLAND—DISEASES) (CALCULI)

FAYN, A.E.

Antibiotics in the treatment of acute uncomplicated gonorrhea
in men. Urologia 25 no.1:67-68 Ja-F '60. (MIRA 15:6)

1. Iz Saratovskogo oblastnogo kozhno-venerologicheskogo
dispansera (glavnnyy vrach N.K. Ardentov).
(ANTIBIOTICS) (GONORRHEA)

PAIN, A.E., kand.med.nauk

Herpes zoster of the mucous membrane of the bladder. Urologia
no.5:61-62 '62. (MIRA 15:12)

1. Iz Saratovskogo chlastnogo kozhno-venerologicheskogo dispensera.
(HERPES ZOSTER) (BLADDER—DISEASES)

FAYN, A.E., kand. med. nauk

Diagnosis and treatment of nongonorrheal bacterial urethritis.
Sov. med. 26 no.11:107-109 N°62 (MIRA 17:3)

1. Iz Saratovskogo oblastnogo kozhno-venerologicheskogo dis-
pansera (glavnyy vrach N.N. Ardentov).

FAYN, A. G.

PA 38/49T17

USSR/Electricity
Railroads, Electric

Mar 49

"The All-Union Meeting of VNITO of Municipal Electro-Transport," Yu. M. Galonen, Cand Tech Sci, A. G. Fayn, Engr, 1½ pp

"Elektrichestvo" No 3

All-Union Conference of the Sci Eng Tech Soc of Min Electro-Transport was held 6 - 10 Dec 48 in Riga with 170 delegates attending. Administrative report was given by Society's president, Prof Rosenfel'd, Dr Tech Sci. Many reports were made on modernization, unification, and automatic operation of railroads.

38/49T17

USER/Electricity - Traction, Electric
Conferences

Feb 52

"A Conference on Trolley Coach Transportation,"
Yu. M. Galonen, Cand Tech Sci, A. G. Fayn, Engr
"Elektricheskvo" No 2, pp 91, 92

The VNITO GET (All-Union Sci and Tech Soc of Mun
Elec Transp) held a scientific and tech conference
on trolley coach transportation in Rostov-on-Don
24 - 27 Oct 51. The conference emphasized the
need for introducing progressive methods in re-
pairing and driving trolley coaches and took the
corresponding resolutions.

208T40

112-57-7-14581D

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7, p 119 (USSR)
AUTHOR: Fayn, A. G.

TITLE: Investigation of Streetcar Current Collection with Graphite-Copper Sliding
Contact. (Issledovaniye tokos"yema tramvaya pri grafito-mednom
skol'zyashchem kontakte)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of
Candidate of Technical Sciences, presented to Akad. kommun. kh-va (Academy
of Municipal Utilities), Moscow, 1956.
ASSOCIATION: Akad. kommun. kh-va (Academy of Municipal Utilities)

Card 1/1

FAYN, A., inzhener.

Direct action flowmeters. Zhil.-kom.khoz. 6 no.3:30 '56.

(Flowmeters)

(MLRA 9:8)

FAYN, A., inzhener.

Using pneumatic tires in municipal rail transportation. Zhil.-kom.
khoz. 7 no.1:29 '57. (MIRA 10:4)
(Paris--Subways) (Car wheels)

FAYN, A., inzh.

New means of municipal electric transportation. Zhil.-kom.khoz. 7
no.12:24-25 ' 57. (MIRA 11:12)
(Railroads, Suspended)

KLOPOTOV, K.K.; FAYN, A.G.; SAMSONOV, V.M., red.izd-va; LELYUKHIN, A.A.,
tekhn.red.

[New techniques in communal housing and services; collection of
scientific and technical information] Novaia tekhnika zhilishchno-
kommunal'nogo khoziaistva; nauchno-tehnicheskii informatsionnyi
sbornik. Moskva, Izd-vo M-va kommun.khos.RSFSR, 1959. 219 p.

(MIRA 13:3)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khozyaystva
RSFSR. Tekhnicheskoye upravleniye.
(City planning) (Apartment houses)

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CIA-RDP86-00513R000412520003-4

FAYN, A., kand.tekhn.nauk

On a single rail. Tekh.mol. 28 no.5:20-22 '60. (MIRA 13:?)
(Railroads, Single-rail)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520003-4"

KLOPOTOV, K.K.; FAYN, A.G.; PANCHENKO, M.P., red.izd-va; PYRKINA, N.F.,
tekhn.red.

[Water supply, sewerage, and sanitation in cities; a collection
of scientific-technical information] Vodosnabzhenie, kansli-
zatsiia i sanitarnaiia ochistka gorodov; nauchno-tehnicheskii
informatsionnyi sbornik. Moskva, Izd-vo M-va kommun.khoz.RSFSR,
1960. 277 p. (MIRA 14:3)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo
khozyaystva. Tekhnicheskoye upravleniye.
(Sanitary engineering)

LIBERMAN, G.R., inzh.; FAYN, A.G., inzh.; FINGER, L.M., inzh.;
PANIN, V.I., inzh., spets. red.; KLOPOTOV, K.K., inzh.,
red.; TEL'NOV, N.V., red.izd-va; LEKYUKHIN, A.A., tekhn.
red.

[Supply in electricity and heat in the cities] Elektrosmab-
zhenie i teplosnabzhenie gorodov; nauchno-tehnicheskii in-
formatsionnyi sbornik. Moskva, Izd-vo M-va kommun.khoz.
RSFSR, 1961. 141 p. (MIRA 15:2)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo
khozyaystva. Tekhnicheskoye upravleniye.
(Municipal services)

FAYN, A.G., kand. tekhn. nauk; KLOPUTOV, K.K., spets. red.;
MINAYEV-TSIKANOVSKIY, V.A., kand. tekhn. nauk, otv. red.;
CHEKRYZHOB, V.A., red. izd-va; KHENOKH, F.M., tekhn. red.

[New equipment for housing and communal services; city road and bridge systems and transportation] Novaia tekhnika zhiliishchno-kommunal'nogo khoziaistva; gorodskoe dorozhno-mastovoe khozai-stvostvo i transport. Nauchno-tekhn. informatsionnyi sbornik. Moskva, Izd-vo MKKh RSFSR. No.2. 1963. 158 p. (MIRA 16:10)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khozyaystva. Tekhnicheskoye upravleniye.
(Roads) (Bridges) (Transportation)

IVIN, K.V.; MOLODYKH, I.A.; YERMAKOV, N.D. [deceased]; MARKOVNIKOV, V.L., doktor tekhn. nauk; VATSURO, M.A. [deceased]; KRUGLOVA, L.P.; STRAKHOV, K.I.; DUL'KIN, I.A.; FAIN, A.G.; RUBINSKIY, N.V.; SPISKOV, V.S.; PERKIS, D.I., kand. tekhn nauk; LUCHAY, G.A., retsenzent; TROFIMOV, A.N., otv. red.* toma; VOLOCHNEV, V.N., red.; SHPOLYANSKIY, M.N., red.; OTOCHEVA, M.A., red.izd-va; LEPLYUKHIN, A.A., tekhn. red.

[Technical handbook on electric city transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkoll.: V.N. Volochnev, A.N. Trofimov, M.N. Shpolianskii. Moskva, Izd-vo M-va Komun.khoz.RSFSR. Vol.3. [Trolley buses] Trolleybus. 1963. 722 p. (Trolley buses) (MIRA 16:10)

FAYN, A. G., kand tekhn nauk

Electronic control of automobile traffic. Nov. tekh.zhil.-
kom.khoz.:Gor.dor.-most.khoz. i transp. no. 2:29-30 '63.

Monorail in Turin. Ibid.:129-130.

Linked subway cars. Ibid.:130-131. (MIRA 17:5)

FAYN, A.I.; GELLER, R.L.; GUBCHEVSKIY, P.V.

Sand slinging in the making of larger molds. Lit. proizv. no.8:
1-5 Ag '62. (MIRA 15:11)
(Molding (Founding))